



NTP

National Toxicology Program

PFOA Chronic Summary





Male Liver Incidence

				Post Wean Exposure			
Sex	Organ	Lesion	G/L	0	20	40	80
Male	Liver	Adenoma	0	0	0	7*	11*
Male	Liver	Adenoma	300	0	1	5	10*
Male	Liver	Carcinoma	0	0	0	0	0
Male	Liver	Carcinoma	300	0	0	0	4
Male	Liver	Adenoma and Carcinoma	0	0	0	7*	11*
Male	Liver	Adenoma and Carcinoma	300	0	1	5	12*

G/L = Gestation/Lactation Exposure
50 animals evaluated per group



Male Pancreas Incidence

Pancreas

				Post Wean Exposure			
Sex	Organ	Lesion	G/L	0	20	40	80
Male	Pancreas	Acinus Hyperplasia	0	18 [2.7]	32 [3.7]*	37 [3.2]*	31 [3.2]*
Male	Pancreas	Acinus Hyperplasia	300	23 [2.7]	27 [3.2]	38 [3.3]*	33 [3.4]*
Male	Pancreas	Adenoma	0	3	28*	26*	32*
Male	Pancreas	Adenoma	300	7	18*	30*	30*
Male	Pancreas	Carcinoma	0	0	3	1	3
Male	Pancreas	Carcinoma	300	0	2	1	3
Male	Pancreas	Adenoma or Carcinoma	0	3	29*	26*	32*
Male	Pancreas	Adenoma or Carcinoma	300	7	20*	30*	30*

G/L = Gestation/Lactation Exposure; 50 animals evaluated; [] denotes severity score of 1 to 5



Female Hepatocellular Incidence

				Post Wean Exposure		
Sex	Site	Neoplasm	G/L	0	300	1000
Female	Liver	Adenoma	0	2	0	1
Female	Liver	Adenoma	150		0	
Female	Liver	Adenoma	300			3
Female	Liver	Carcinoma	0	1	1	3
Female	Liver	Carcinoma	150		0	
Female	Liver	Carcinoma	300			4
Female	Liver	Adenoma and Carcinoma	0	3	1	4
Female	Liver	Adenoma and Carcinoma	150		0	
Female	Liver	Adenoma and Carcinoma	300			6

G/L = Gestation/Lactation Exposure
50 animals evaluated per group



Female Pancreas Incidence

Acinar Cell Tumors (ACT)

Sex	Site	Neoplasm	G/L	Post Wean Exposure		
				0	300	1000
Female	Pancreas	Adenoma	0	0	0	1
Female	Pancreas	Adenoma	150		0	
Female	Pancreas	Adenoma	300			3
Female	Pancreas	Carcinoma	0	0	0	2
Female	Pancreas	Carcinoma	150		0	
Female	Pancreas	Carcinoma	300			2
Female	Pancreas	Adenoma and Carcinoma	0	0	0	2
Female	Pancreas	Adenoma and Carcinoma	150		0	
Female	Pancreas	Adenoma and Carcinoma	300			5
Female	Pancreas	Duct, Adenocarcinoma	0	0	0	0
Female	Pancreas	Duct, Adenocarcinoma	150		0	
Female	Pancreas	Duct, Adenocarcinoma	300			1

G/L = Gestation/Lactation Exposure

50 animals evaluated per group